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log reader and messages and queue and timestamp and commit and log and read Terms used: log reader messages queue timestamp commit log read

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Parallel execution of prolog programs: a survey

Gopal Gupta, Enrico Pontelli, Khayri A.M. Ali, Mats Carlsson, Manuel V. Hermenegildo July 2001 ACM Transactions on Programming Languages and Systems (TOPLAS), Volume: Publisher: ACM

Full text available: Pdf (1.95 MB) Additional Information: full citation, abstract, references, cited by, index ter

Bibliometrics: Downloads (6 Weeks): 24, Downloads (12 Months): 149, Citation Count: 11

Since the early days of logic programming, researchers in the field realized the potential for exp of parallelism present in the execution of logic programs. Their high-level nature, the presence conndeterminism, and their referential transparency, ...

Keywords: Automatic parallelization, constraint programming, logic programming, parallelism,

2 Building a database on S3

Matthias Brantner, Daniela Florescu, David Graf, Donald Kossmann, Tim Kraska

June 2008 SIGMOD '08: Proceedings of the 2008 ACM SIGMOD international conference on Mana
of data

Publisher: ACM

Full text available: Pdf (273.58 KB) Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 128, Downloads (12 Months): 266, Citation Count: 0

There has been a great deal of hype about Amazon's simple storage service (S3). S3 provides ir scalability and high availability at low cost. Currently, S3 is used mostly to store multi-media do (videos, photos, audio) which are shared by ...

Keywords: aws, cloud computing, concurrency, cost trade-off, database, ec2, eventual consisted performance, s3, simpledb, sqs, storage system

3 An effective hybrid transactional memory system with strong isolation guarantees

Chi Cao Minh, Martin Trautmann, JaeWoong Chung, Austen McDonald, Nathan Bronson, Jared Casp Christos Kozyrakis, Kunle Olukotun

June 2007 I SCA '07: Proceedings of the 34th annual international symposium on Computer archit Publisher: ACM

Full text available: Pdf (239.24 KB)

Additional Information: full citation, abstract, references, index terms

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